L Number	Hits	Search Text	DB	Time stamp
-	0	((101/424.2).CCLS.) and authenticat$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:42
-	0	((101/424.2).CCLS.) and authen$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 08:22
-	129	(101/424.2).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/03 15:19
-	4	((101/424.2).CCLS.) and (fluorescent magnetic tag$6 biologicl$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 08:43
-	764	authentication near3 print$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:15
-	259	(authentication near3 print$6) and (fluorescent magnetic tag$6 biologicl$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:01
-	294	(authentication near3 print$6) and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 08:43
-	183	((authentication near3 print$6) and (fluorescent magnetic tag$6 biologicl$4)) and paper	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 08:43
-	90	authentication near3 (material powder$4 partic$8 residue) same print$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 08:47
-	51	authentication near3 (material powder$4 particl$7 particulat$6 residue) same print$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 09:39
-	7	((101/424.2).CCLS.) and (anti-offset anti offset) near3 (powder particl$4 particulat$4 material)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 09:05
-	9	("3922435" | "4567213" | "4598205" | "4739377" | "4777108" | "4997864" | "5015549" | "5110717" | "5385803").PN.	USPAT	2004/02/02 09:38
-	28	(authentication near3 (material powder$4 particl$7 particulat$6 residue) same print$6) and cur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 14:59
-	15	(authentication near3 (material powder$4 particl$7 particulat$6 residue) same print$6) and bond$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 09:42
-	70	(authentication near3 print$6) and (fluorescent magnetic tag$6 biologicl$4)near3 ink$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:01

-	9	authentication near3 print$6 and (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:26
-	11626	print$6 and (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:19
-	28940	(paper web) and (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:19
-	591	(paper web)near3 (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:23
-	0	((101/424.2).CCLS.) and ((paper web)near3 (DNA deoxyribonucleicacid))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:20
-	129	((101/424.2).CCLS.) and 101/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:21
-	0	((paper web)near3 (DNA deoxyribonucleicacid)) and 101/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:21
-	4	((paper web)near3 (DNA deoxyribonucleicacid)) and authentication$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/18 10:55
-	0	(paper web) near3 (DNA deoxyribonucleicacid) near3 authentication$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:24
-	0	biological near3 authentication near3 (powder particle$4 particulat$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:26
-	0	biological near3 authentication same print$4 near3 (paper web)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:26
-	508	authentication and (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:27
-	13	authentication near3 (DNA deoxyribonucleicacid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 10:31
-	5	authentication near3 (DNA deoxyribonucleicacid) and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 14:58
-	6	"5714291"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/02 14:58

-	0	("Snyder.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/03 15:20
-	2	("4384482").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/03 15:37
-	2	("5770797").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/03 15:38
-	306	Isherwood	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/18 10:55
-	741	ink same authentication	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 09:39
-	2356	ink and authentication	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:44
-	1644	(ink and authentication) and cur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:45
-	500	ink same authentication and cur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:45
-	32	ink same authentication and cur$4 and powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 14:12
-	2	apply$4 same ink same authentication and cur$4 and powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:50
-	0	apply$4 near3 ink same authentication and cur$4 and powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/05 12:51
-	231	(101/424).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 09:28
-	0	(((101/424).CCLS.) and ink$4) and authenticat$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 09:29
-	145	((101/424).CCLS.) and ink$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 09:29
-	9	ink same authentication same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 09:42

-	49	ink same authentication and powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 10:12
-	2	("6038998").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 10:12
-	1	(("6038998").PN.) and ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 10:13
-	0	(("6038998").PN.) and ink and authentication	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:47
-	0	check adj print$4 and powder and counterfeit and authentication	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:48
-	4	check adj print$4 and powder and counterfeit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:49
-	4	(check adj print$4 and powder and counterfeit) and check	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:49
-	1538	print$4 adj press and powder same in k and counterfeit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:50
-	1530	printing adj press and powder same in k and counterfeit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:50
-	5	print$4 adj press and powder same ink and counterfeit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:33
-	23	print$4 adj press and spray adj powder same ink	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:08
-	0	(print$4 adj press and spray adj powder same ink) and (counterfeit or authentication or forgery or copying or security)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:55
-	0	(print$4 adj press and spray adj powder same ink) and security	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 11:55
-	7970	spray adj powder same ink same (watermark feature image graphic) anc check same authentic$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 13:26
-	0	spray adj powder same ink same (watermark feature image graphic) and check same authentic$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:56

-	14	spray same powder same ink same (watermark feature image graphic) and (authentic$5 forgery security counterfeit watermark design graphic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:05
-	3	ink same cur$3 same spray adj powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:05
-	9	credit adj card and fluoresC$4 same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:09
-	9	credit adj card and fluoresc$4 same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:09
-	2	(″20030220419″).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:10
-	1	((″20030220419″).PN.) and fluoresc$4 same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:39
-	1	((″20030220419″).PN.) and fluoresce$4 same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:54
-	9	credit adj card and fluoresc$3 same powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 14:53
-	1	(((″20030220419″).PN.) and fluoresce$4 same powder) and powder and (authentication forgery)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:04
-	0	spray adj powder same ink same (authentic$5 counterfeit forgery security)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:00
-	1	(authentic$5 counterfeit forgery security) near3 material same powder adj spray	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:01
-	1	(authentic$5 counterfeit forgery security) same material same powder adj spray	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:02
-	1	(authentic$5 counterfeit forgery security) same (material particle$4 particulat$4 powder dust$4) same powder adj spray	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:03
-	1	(authentic$5 counterfeit forgery security) near3 (material particle$4 particulat$4 powder dust$4) same powder adj spray	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:03
-	1	((((″20030220419″).PN.) and fluoresce$4 same powder) and powder and (authentication forgery)) and cur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:05

-	0	(2004/0076803).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:08
-	2	("20040076803").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:08
-	1	(("20040076803").PN.) and cur$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:16
-	0	(mix$4 combin$4 conglomer$4 intermix) same (authentication forgery counterfeit security) adj (particle$4 particulat$4 dust$4 powder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:19
-	0	(mix$4 combin$4 intermix) same (authentication forgery counterfeit security) adj (particle$4 particulat$4 dust$4 powder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:19
-	5	(mix$4 combin$4 intermix) and (authentication forgery counterfeit security) adj (particle$4 particulat$4 dust$4 powder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:19
-	0	(mix$4 combin$4 intermix) same (authentication forgery counterfeit security) adj (particle$4 particulat$4 dust$4 powder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:20
-	270	(mix$4 combin$4 intermix) same fluoresc$6 same spray$4 same (powder dust$4 particle$4 particulat$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:22
-	0	(mix$4 combin$4 intermix) same fluoresc$6 same spray$4 same (powder dust$4 particle$4 particulat$4) and credit near3 card	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:21
-	13	(mix$4 combin$4 intermix) adj fluoresc$6 same spray$4 near3 (powder dust$4 particle$4 particulat$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:24
-	0	(mix$4 combin$4 intermix) adj fluoresc$6 same spray$4 near3 (powder dust$4 particle$4 particulat$4) and (authenticat$4 forgery counterfeit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:25
-	3	(mix$4 combin$4 intermix) near3 authentication near3 material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:25
-	0	(mix$4 combin$4 intermix) near3 authentication near3 material same spray$4 near3 powder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:27
-	1	print$4 adj press and powder same ink and (authenticat$4 counterfeit forgery) and (DNA deoxyribonucleic acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:34
-	913	(authenticat$4 counterfeit forgery) and (DNA deoxyribonucleic near3 acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:35

-	417	(authenticat$4 counterfeit forgery) and (DNA deoxyribonucleic near3 acid) and magnet$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:36
-	2	((authenticat$4 counterfeit forgery) and (DNA deoxyribonucleic near3 acid) and magnet$4) and print$4 near3 press	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:37
-	283	(authenticat$4 counterfeit forgery) same (DNA deoxyribonucleic near3 acid)samemagnet$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:38
-	2	((authenticat$4 counterfeit forgery) same (DNA deoxyribonucleic near3 acid)samemagnet$4) and print$4 near3 press	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:37
-	27	(authenticat$4 counterfeit forgery) near3 (DNA deoxyribonucleic near3 acid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:40
-	11	(authenticat$4 counterfeit forgery) near3 (DNA deoxyribonucleic near3 acid) and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:40
-	27	(authenticat$4 counterfeit forgery) near3 (DNA deoxyribonucleic near3 acid) sameprint$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:41
-	6	(authenticat$4 counterfeit forgery) near3 (DNA deoxyribonucleic near3 acid) same print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:53
-	82	(authenticat$4 counterfeit forgery) near3 magnetic$4 same print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/06 15:53
-	575	(mix$4 combin$4 intermix) near3 powder same fluorescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:25
-	108	(mix$4 combin$4 intermix) near3 powder same fluorescent and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:27
-	0	(mix$4 combin$4 intermix) near3 spray adj powder same fluorescent and print$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:27
-	0	(mix$4 combin$4 intermix) near3 spray adj powder same fluorescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:27
-	1	(mix$4 combin$4 intermix) near3 (spray$4 dispens$4) adj powder same fluorescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:28
-	0	(mix$4 combin$4 intermix) adj (spray$4 dispens$4) adj powder same fluorescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:28

-	131	(mix$4 combin$4 intermix) same (spray$4 dispens$4) same powder same fluorescent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:29
-	4	((mix$4 combin$4 intermix) same (spray$4 dispens$4) same powder same fluorescent) and (check$4 credit$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/09 08:30

Varn International | Anti Set-Off Powders

REGULAR POWDERS   COATED PO

How anti-set off powders work

When to use coated powders or regular po

Packaging and shipping weights

VARN INTERNATIONAL PRESSROOM PRODUCTS

| Blanket and Roller Wash and Specialy Washes | Fountain Solutions and Additives | Specialties | Plate Cleaners | Anti Set-Off Spray Powders | Hand Cleaners | Aerosols | Pressroom Accessorie |

ABOUT OUR COMPANY | WHAT'S NEW | CONTACT US

Varn International produces a complete line of regular (R Series), and coated (C Series) ⌐ that provide outstanding performance in electronic units and air guns. Varn powders ar⌐ for use in food·packaging.

The finest grade powder for all powder dispensing equipment.

- **All food quality starches used**
- **Can be overprinted**
- **Can be overvarnished**
- **For electronic, air or solution guns**

HOW ANTI SET-OFF POWDERS WORK

The primary function of anti set-off powders is to form a separation between the sheets of stock as they leave the ⌐ separation traps air between the sheets to speed ink drying. It also breaks the suction effects of wet ink and static the ink from setting off onto the sheet above. This spray's ability to perform this function is a result of a combinatio size, density and the number and nature of particles applied. The largest users of anti set-off powders are folding printers, followed by label printers, large letterpress printers, flexographic printers and large offset printers. Usuall⌐ weight of the printing stock increases, the recommended particle size also increases.

WHEN DO YOU USE COATED POWDERS, OR REGULAR POWDERS?

This data should help you identify the best first choice spray powder.

Coated spray powders represent the vast majority of applications. Select coated powders for large corrugated p⌐ carton manufacturers, most four color work done on four color presses and most large sheetfed printers that run la lifts of paper. The grade of coated spray powder is determined by the weight of the paper stock, type of printing ar equipment. As a rule of thumb, the grade of coated powder (and the micron size) increases as the weight of the p⌐ height of the stack increases.

Varn's regular powders are usually used in work and turn printing, four color printing on presses which do not ha⌐

multiple color printing on presses with lesser printing units than the number of colors printed, any printing that requ
passes through the press. There are some exceptions, but trapping, especially on small presses, is a little easier \
spray powder.

REGULAR POWDERS

RETUF

PRODUCT NAME	MICRON RANGE
R-20	15-20
R-23	20-25
R-27	25-35
R-35	40-50
R-50	55-65

COATED POWDERS

RETUF

PRODUCT NAME	MICRON RANGE
C-230	20-25
C-270	25-35
C-350	40-50
C-500	55-65

All Varn Spray Powders are made with food quality starches.

Packaging and shipping weights:

5 Kilo, 11 Lbs. carton packed four per carton 44 Lbs. / 20 Kilo per carton	25 Kilo, 55 Lbs. carton, packed one 55/25 Kilo per cas

Varn International

Varn International Is a DAY International Company

BLANKET & ROLLER WASHES AND SPECIALTY WASHES | FOUNTAIN SOLUTIONS AND ADDITIVES | SPECIA
PLATE SPECIALTIES | ANTI SET-OFF POWDERS | HAND CLEANERS | AEROSOLS | PRESSROOM ACCESS

ABOUT OUR COMPANY / LOCATIONS | WHAT'S NEW | CONTACT US